

N/A

1643

#6 1/2

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/336,609DATE: 09/28/1999
TIME: 14:45:42

Input Set: I336609.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

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PS

1 <110> APPLICANT: Boles, T. Christian
2 Weir, Lawrence
3 Stone, Benjamin B.
4 Mosaic Technologies
5 <120> TITLE OF INVENTION: Detection of Non-Viral Organisms With SRP RNA
6 <130> FILE REFERENCE: 018422-000210US
7 <140> CURRENT APPLICATION NUMBER: US/09/336,609
8 <141> CURRENT FILING DATE: 1999-06-18
9 <150> EARLIER APPLICATION NUMBER: US 60/090,063
10 <151> EARLIER FILING DATE: 1998-06-19
11 <160> NUMBER OF SEQ ID NOS: 27
12 <170> SOFTWARE: PatentIn Ver. 2.0
13 <210> SEQ ID NO 1
14 <211> LENGTH: 21
15 <212> TYPE: RNA
16 <213> ORGANISM: Artificial Sequence
17 <220> FEATURE:
18 <223> OTHER INFORMATION: Description of Artificial Sequence:nucleotides
19 44-65 of E. coli 4.5S RNA conserved across
20 bacteria
21 <400> SEQUENCE: 1 21
22 gucagguccg gaaggaagca g
23 <210> SEQ ID NO 2
24 <211> LENGTH: 22
25 <212> TYPE: DNA
26 <213> ORGANISM: Artificial Sequence
27 <220> FEATURE:
28 <223> OTHER INFORMATION: Description of Artificial Sequence:complement of
29 conserved E. coli 4.5S RNA region nucleotides
30 44-65 preferred probe for detection of bacteria
31 <400> SEQUENCE: 2 22
32 gctgcttcct tccggacctg ac
33 <210> SEQ ID NO 3
34 <211> LENGTH: 21
35 <212> TYPE: DNA
36 <213> ORGANISM: Artificial Sequence
37 <220> FEATURE:
38 <223> OTHER INFORMATION: Description of Artificial Sequence:complement of
39 conserved E. coli 4.5S RNA region nucleotides
40 preferred shorter probe for detection of bacteria
41 <400> SEQUENCE: 3
42 gctgcttcct tccggacctg a 21
43 <210> SEQ ID NO 4
44 <211> LENGTH: 12

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Input Set: I336609.RAW

45 <212> TYPE: DNA
46 <213> ORGANISM: Artificial Sequence
47 <220> FEATURE:
48 <223> OTHER INFORMATION: Description of Artificial Sequence: complement of
49 conserved E. coli 4.5S RNA region nucleotides
50 preferred shorter probe for detection of bacteria
51 <400> SEQUENCE: 4
52 gctgcttcct tc
53 <210> SEQ ID NO 5
54 <211> LENGTH: 14
55 <212> TYPE: DNA
56 <213> ORGANISM: Artificial Sequence
57 <220> FEATURE:
58 <223> OTHER INFORMATION: Description of Artificial Sequence: complement of
59 conserved E. coli 4.5S RNA region nucleotides
60 preferred shorter probe for detection of bacteria
61 <400> SEQUENCE: 5
62 gctgcttcct tccg 14
63 <210> SEQ ID NO 6
64 <211> LENGTH: 14
65 <212> TYPE: DNA
66 <213> ORGANISM: Artificial Sequence
67 <220> FEATURE:
68 <223> OTHER INFORMATION: Description of Artificial Sequence: complement of
69 conserved E. coli 4.5S RNA region nucleotides
70 preferred shorter probe for detection of bacteria
71 <400> SEQUENCE: 6
72 gacctgacct ggta 14
73 <210> SEQ ID NO 7
74 <211> LENGTH: 41
75 <212> TYPE: DNA
76 <213> ORGANISM: Artificial Sequence
77 <220> FEATURE:
78 <223> OTHER INFORMATION: Description of Artificial Sequence: adaptor probe
79 (Ad4.5S13Vnf) from conserved region of E. coli
80 4.5S RNA
81 <400> SEQUENCE: 7
82 gctgcttcct tccggacctg agtgaatacg ttccccgggcc t 41
83 <210> SEQ ID NO 8
84 <211> LENGTH: 41
85 <212> TYPE: DNA
86 <213> ORGANISM: Artificial Sequence
87 <220> FEATURE:
88 <223> OTHER INFORMATION: Description of Artificial Sequence: adaptor probe
89 from conserved region of E. coli 4.5S RNA
90 <400> SEQUENCE: 8
91 gctgcttcct tccggacctg acaaaaaacga taaaccaacc a 41
92 <210> SEQ ID NO 9
93 <211> LENGTH: 18
94 <212> TYPE: DNA

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RAW SEQUENCE LISTING
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Input Set: I336609.RAW

95 <213> ORGANISM: Artificial Sequence
96 <220> FEATURE:
97 <223> OTHER INFORMATION: Description of Artificial Sequence:probe (2nf)
98 suitable for detection of E. coli species
99 <400> SEQUENCE: 9
100 ggcacacgcg tcattctgc 18
101 <210> SEQ ID NO 10
102 <211> LENGTH: 29
103 <212> TYPE: RNA
104 <213> ORGANISM: Artificial Sequence
105 <220> FEATURE:
106 <223> OTHER INFORMATION: Description of Artificial Sequence:nucleotides
107 36-65 of E. coli 4.5S RNA conserved across
108 bacteria
109 <400> SEQUENCE: 10
110 uuuaaccaggu cagguccgga aggaagcag 29
111 <210> SEQ ID NO 11
112 <211> LENGTH: 30
113 <212> TYPE: DNA
114 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: Description of Artificial Sequence:complement of
117 conserved E. coli 4.5S RNA region nucleotides
118 36-65 preferred probe for detection of bacteria
119 <400> SEQUENCE: 11
120 gctgcttcct tccggacctg acctggtaaa 30
121 <210> SEQ ID NO 12
122 <211> LENGTH: 29
123 <212> TYPE: DNA
124 <213> ORGANISM: Artificial Sequence
125 <220> FEATURE:
126 <223> OTHER INFORMATION: Description of Artificial Sequence:gel-immobilized
127 acrydite capture probe 13-III-ac
128 <220> FEATURE:
129 <221> NAME/KEY: modified_base
130 <222> LOCATION: (1)
131 <223> OTHER INFORMATION: n = acrydite-modified thymine
132 <400> SEQUENCE: 12
133 attttttttta ggccccgggaa cgtattcac 29
134 <210> SEQ ID NO 13
135 <211> LENGTH: 18
136 <212> TYPE: DNA
137 <213> ORGANISM: Artificial Sequence
138 <220> FEATURE:
139 <223> OTHER INFORMATION: Description of Artificial Sequence:fluorescent
140 sandwich probe 2F
141 <400> SEQUENCE: 13
142 ggcacacgcg tcattctgc 18
143 <210> SEQ ID NO 14
144 <211> LENGTH: 12

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145 <212> TYPE: RNA
146 <213> ORGANISM: Artificial Sequence
147 <220> FEATURE:
148 <223> OTHER INFORMATION: Description of Artificial Sequence:alkaline
149 phosphatase conjugated reporter probe RP-2
150 <220> FEATURE:
151 <221> NAME/KEY: modified_base /
152 <222> LOCATION: (1)
153 <223> OTHER INFORMATION: n = alkaline phosphatase-conjugated 2'-O-methyl
154 guanosine ribonucleotide
155 <220> FEATURE:
156 <221> NAME/KEY: modified_base
157 <222> LOCATION: (2)
158 <223> OTHER INFORMATION: n = cm
159 <220> FEATURE:
160 <221> NAME/KEY: modified_base
161 <222> LOCATION: (3) /
162 <223> OTHER INFORMATION: n = um
163 <220> FEATURE:
164 <221> NAME/KEY: modified_base
165 <222> LOCATION: (4) /
166 <223> OTHER INFORMATION: n = gm
167 <220> FEATURE:
168 <221> NAME/KEY: modified_base
169 <222> LOCATION: (5) /
170 <223> OTHER INFORMATION: n = cm
171 <220> FEATURE:
172 <221> NAME/KEY: modified_base
173 <222> LOCATION: (6) /
174 <223> OTHER INFORMATION: n = um
175 <220> FEATURE:
176 <221> NAME/KEY: modified_base
177 <222> LOCATION: (7) /
178 <223> OTHER INFORMATION: n = um
179 <220> FEATURE:
180 <221> NAME/KEY: modified_base
181 <222> LOCATION: (8) /
182 <223> OTHER INFORMATION: n = cm
183 <220> FEATURE:
184 <221> NAME/KEY: modified_base
185 <222> LOCATION: (9) /
186 <223> OTHER INFORMATION: n = cm
187 <220> FEATURE:
188 <221> NAME/KEY: modified_base
189 <222> LOCATION: (10) /
190 <223> OTHER INFORMATION: n = gm
191 <220> FEATURE:
192 <221> NAME/KEY: modified_base
193 <222> LOCATION: (11)
194 <223> OTHER INFORMATION: n = um

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Input Set: I336609.RAW

195 <220> FEATURE:
196 <221> NAME/KEY: modified_base
197 <222> LOCATION: (12)
198 <223> OTHER INFORMATION: n = cm
199 <400> SEQUENCE: 14
w--OK 200 ~~nnnnnnnnnn nn~~ 12
201 <210> SEQ ID NO 15
202 <211> LENGTH: 19
203 <212> TYPE: DNA
204 <213> ORGANISM: Artificial Sequence
205 <220> FEATURE:
206 <223> OTHER INFORMATION: Description of Artificial Sequence:gel-immobilized
207 acrydite-modified capture probe CP-1
208 <220> FEATURE:
209 <221> NAME/KEY: modified_base
210 <222> LOCATION: (1)
211 <223> OTHER INFORMATION: n = acrydite-modified thymine
212 <220> FEATURE:
213 <221> NAME/KEY: modified_base
214 <222> LOCATION: (7)
215 <223> OTHER INFORMATION: n = cm
216 <220> FEATURE:
217 <221> NAME/KEY: modified_base
218 <222> LOCATION: (8)
219 <223> OTHER INFORMATION: n = gm
220 <220> FEATURE:
221 <221> NAME/KEY: modified_base
222 <222> LOCATION: (9)
223 <223> OTHER INFORMATION: n = gm
224 <220> FEATURE:
225 <221> NAME/KEY: modified_base
226 <222> LOCATION: (10)
227 <223> OTHER INFORMATION: n = 2'-O-methyl adenosine ribonucleotide
228 <220> FEATURE:
229 <221> NAME/KEY: modified_base
230 <222> LOCATION: (11)
231 <223> OTHER INFORMATION: n = cm
232 <220> FEATURE:
233 <221> NAME/KEY: modified_base
234 <222> LOCATION: (12)
235 <223> OTHER INFORMATION: n = cm
236 <220> FEATURE:
237 <221> NAME/KEY: modified_base
238 <222> LOCATION: (13)
239 <223> OTHER INFORMATION: n = um
240 <220> FEATURE:
241 <221> NAME/KEY: modified_base
242 <222> LOCATION: (14)
243 <223> OTHER INFORMATION: n = gm
244 <220> FEATURE:

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Input Set: I336609.RAW

Line	? Error/Warning	Original Text
133	W "N" or "Xaa" used: Feature required	nttttttttta ggcccgggaa cgtattcac
200	W "N" or "Xaa" used: Feature required	nnnnnnnnnnnn nn
265	W "N" or "Xaa" used: Feature required	ntttttnnnnn nnnnnnnnnn
330	W "N" or "Xaa" used: Feature required	ntttttnnnnn nnnnnnnnnn
395	W "N" or "Xaa" used: Feature required	ntttttnnnnn nnnnnnnnnn
460	W "N" or "Xaa" used: Feature required	ntttttnnnnn nnnnnnnnnn
525	W "N" or "Xaa" used: Feature required	ntttttnnnnn nnnnnnnnnn
646	W "N" or "Xaa" used: Feature required	nnnnnnnnnnnn nn